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Claims

1. A method for protecting an entity from the effects of an explosion or from the effects of contact with a projectile comprising covering at least a part of said entity in a barrier comprising a water gel formed from gelatin and water wherein the concentration of gelatin in said water gel is 3 to 40% wt.
- 10 2. A method as claimed in claim 1 wherein the concentration of gelatin in said water gel is 5 to 25% wt.
- 15 3. A method as claimed in claim 1 to 2 to protect an entity from the effects of an explosion.
4. A method as claimed in any one of claims 1 to 3 to mitigate the effects of contact with a projectile.
- 20 5. A barrier comprising a water gel layer in which said water gel comprises gelatin and water wherein the concentration of gelatin in said water gel is 3 to 40% wt and a polymer layer, a metal layer, a ceramic layer, a fabric layer, a fibreglass layer, a dilatant layer or 25 mixtures of such layers.
6. A barrier as claimed in claim 5 comprising a dilatant layer containing a polyethylene oxide layer.
- 30 7. A barrier as claimed in claim 5 to 6 comprising a layer of fire retardant material, a layer of material impervious to chemicals, radioactivity or biological agents.
- 35 8. A barrier to protect against the effects of an explosion or the effects of contact with a projectile

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comprising gelatin and water, wherein the concentration of gelatin in the water is at least 3 to 40% w/w.

9. Use of a water gel formed from gelatin and water
5 wherein the concentration of gelatin in said water gel
is 3 to 40% wt in pressure impulse mitigation.

10. Use of a water gel formed from gelatin and water
wherein the concentration of gelatin in said water gel
10 is 3 to 40% wt to protect entities against chemical,
biological or radiological contamination.

11. A ship or vehicle comprising a barrier as claimed
in claim 5 to 8.

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